Werkstoffe / *Materials*

Teile-Benennung / *Description*	IMM 40-50	IMM 63-100
Pumpengehäuse	Valox	Aluminium / Stahl / GG
Pump casing	*Valox*	*Aluminium / Steel / cast iron*
Laufrad	Nylon	Nylon / Messing / GG
Impeller	*Nylon*	*Nylon / Brass / cast iron*
Rotorwelle	Stahl C40	Stahl C40
Shaft	*Steel C40*	*Steel C40*
Deckel	Valox	Valox / Aluminium / GG
Cover	*Valox*	*Valox / Aluminium / cast iron*
Spritzring	NBR	NBR
Deflector	*NBR*	*NBR*

Ausführung / *Construction*
Eintauchpumpe in Blockbauweise. Motor in Trockenaufstellung und Pumpengehäuse von dem zu fördernden Medium überflutet. Laufrad: offen

Close coupled immersion pump. Motor in dry installation and pump body submerged in the liquid handled. Impeller type: open

Einsatzgebiete / *Applications*
Zur Förderung von Flüssigkeiten in Reinigungsanlagen, Emulsionen und Kühlschmierstoffen. Mit Festkörpern von maximal 5-6* mm Korngröße (*IMM90-100). Zur Wasserentsorgung von Sammelbecken oder Gruben. Für Zivil- und Industrieeinsatz. Für Flüssigkeiten ohne abrasive Bestandteile die die Pumpenwerkstoffe nicht angreifen.

*For liquids in cleaning systems, emulsions, coolant with solids diam. max. 5-6*mm (*IMM90-100). For draining basins or sumps with domestic or industrial sewage. For liquids which are non-aggressive for the pump materials.*

Einsatzbedingungen / *Operating conditions*
Mediumstemperatur -20 °C bis +90 °C.
Umgebungstemperatur max. 40 °C.
Höchstzulässiger Pumpenenddruck 3 bar.
Max. Korngröße 5-6* mm, max. kinem. Viskosität 20 mm^2/s

Liquid temperature -20 °C up to +70°C
Ambient temperature up to 40°C
Max. permissible working pressure up to 3 bar.
Maximum size of solids 5-6 mm, max. kinem. viscosity 20 mm^2/s

Motor / *Motor*
2-poliger Induktionsmotor, 50 Hz. (n=2850 1/min)
230 / 400 V, 50 Hz. nach EN 60034
Schutzart IP 55, Isolationsklasse F

2-pole induction motor, 50Hz. (n=2850 1/min)
Three phase 230/400 V, 50 Hz. according to EN 60034
Protection IP 55, insulation class F

Sonderausführungen auf Anfrage
Special features on request

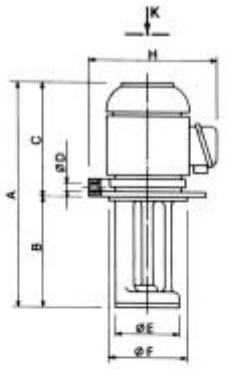
Gewährleistung / *Warranty*
12 Monate (im Rahmen unserer Lieferbedingungen)
One Year (as per our general sales conditions)

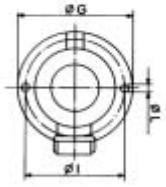
Leistungsdaten / *Performance*

n ≈ 2850 1/min

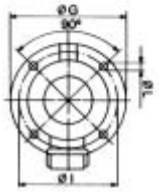
Typ *type*	kW P1	In A		H = Förderhöhe (head) in Meter 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
IMM 40/A	0,08	0,23	⇛ Fördermenge (flow) in L/min ⇛	16	14	9	3															
IMM 50/A	0,11	0,30		24	22	18	10															
IMM 56/A*	0,15	0,32		54	43	38	24	15														
IMM 56/B*	016	0,56		80	64	49	42	25	5													
IMM 63/A	0,30	0,58		100	95	86	78	53	32													
IMM 63/B	0,40	0,90		115	110	103	96	82	64	41	7											
IMM 71/A	0,53	1,60		198	187	176	167	157	144	133	118	106	90	70	56	37						
IMM 71/B	0,78	1,90		230	220	210	200	190	180	167	154	138	122	109	90	77	60	39	13			
IMM 80/A	1,15	1,90		330	320	310	300	290	280	270	258	245	232	220	208	188	170	145	120	90		
IMM 80/B	1,47	2,80		400	390	380	370	360	347	335	322	310	300	290	270	245	220	190	165	138	100	60
IMM 90/A	1,85	5,00		740	730	710	690	670	650	630	580	530	470	410	350	230						
IMM 90/B	2,80	6,20		980	970	950	920	890	860	830	800	770	730	680	630	570						
IMM 100/B	4,43	8,60		1200	1170	1140	1105	1075	1040	1005	975	940	900	850	800	750	700	650	600	550	500	450

Abmessungen / *Dimensions*

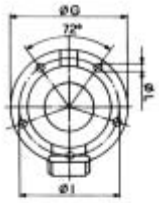




IMM 40/A
IMM 50/A

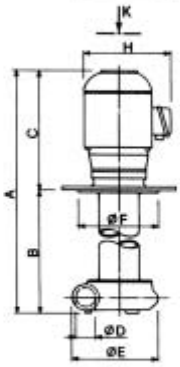


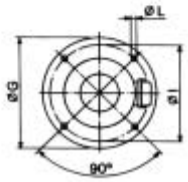
IMM 56/A
IMM 56/B
IMM 63/A
IMM 63/B



IMM 71/A
IMM 71/B
IMM 80/A
IMM 80/B

Ansicht K / View K





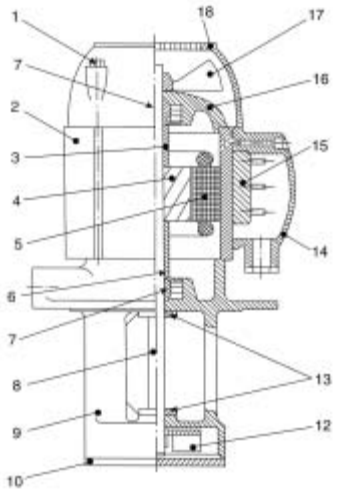
IMM 90/A
IMM 90/B
IMM 100/B

Typ type	A mm	B mm	C mm	øD G"	øE mm	øF mm	øG mm	H mm	øI mm	øL mm	Gewicht kg
	219	80									1,80
IMM 40/A	259	120	139	3/8	78	90	130	140	114	7	1,83
	289	150								(2x)	1,85
	319	180									1,88
	219	80									1,80
IMM 50/A	59	120	139	3/8	78	90	130	140	114	7	1,83
	289	150								(2x)	1,85
	319	180									1,88
IMM 56/A	349	180	169	1/2	87	100	150	160	115	7	3,20
nur GG	409	240								(4x)	3,26
IMM 56/B	349	180	169	1/2	87	100	150	160	115	7	3,15
nur GG	409	240								(4x)	6,26
	355	150									5,65
IMM 63/A	405	200	205	3/4	128	-	180	190	150	9	5,90
	455	250								(4x)	6,15
	505	300*									6,40
	355	150									6,15
IMM 63/B	405	200	205	3/4	128	-	180	190	150	9	6,40
	455	250								(4x)	6,65
	505	300*									6,90
	475	200									10,50
IMM 71/A	525	250	230	1	190	-	230	225	204	9	11,00
	600	325*								(5x)	11,50
	715	440									12,00
	475	200									11,00
IMM 71/B	525	250	230	1	190	-	230	225	204	9	11,50
	600	325*								(5x)	12,00
	715	440									12,50
	500	200*									14,50
	550	250*								9	15,00
IMM 80/A	600	300*	260	1 1/4	190	220	250	260	235	(5x)	15,50
	650	350*									16,00
	830	530									18,00
	500	200*									15,45
	550	250*								9	15,95
IMM 80/B	600	300*	260	1 1/4	190	220	250	260	235	(5x)	16,45
	650	350*									16,95
	830	530									19,00
	670	350									47,50
IMM 90/A	920	600	345	2	235	240	300	240	270	13	48,80
	1120	800								(4x)	50,00
	670	350									49,00
IMM 90/B	920	600	345	2	235	240	300	240	270	13	50,30
	1120	800								(4x)	51,50
	730	350									53,00
IMM 100/B	980	600	380	2 1/2	235	240	300	240	270	13	54,30
	1180	800								(4x)	55,50

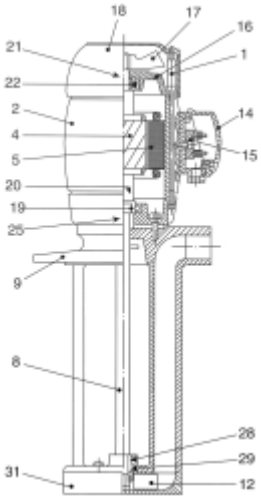
* Gehäuse in Grauguss auf Anfrage / *Cast iron casing on request*

Teileliste / *Components*

IMM 40 - 50

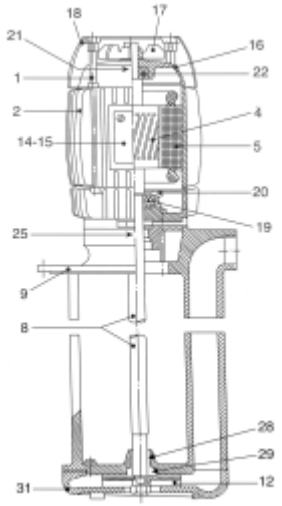


IMM 63

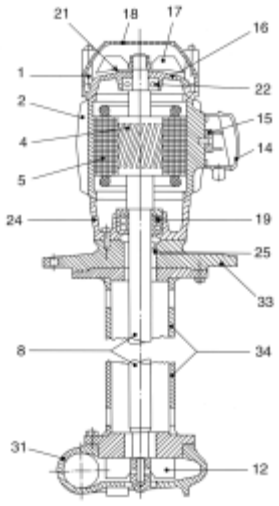


Pos.	Bezeichnung / *Description*
1	Zugstange / *Rod*
2	Motorgehäuse / *Motor casing*
4	Rotor / *Rotor*
5	Stator / Wicklung / *Stator*
8	Welle / *Shaft*
9	Pumpengehäuse / *Pump casing*
12	Laufrad / *Impeller*
14	Klemmkasten / *Terminal box*
15	Klemmbrett / *Terminal block*
16	Lagerschild / *Bearing cover*
17	Lüfter / *Fan*
18	Lüfterhaube / *Fan cover*
19	Lager / *Bearing*
20	Sicherungsring / *Retaining ring*
21	Ausgleichsscheibe / *compens. spring*
22	Lager / *Bearing*
24	Lagerschild / *Endshield*
25	Dichtring / *Sealing ring*
28	Bronzelager / *Bronze bearing*
29	Dichtring / *Sealing ring*
31	Gehäuse / *Casing*

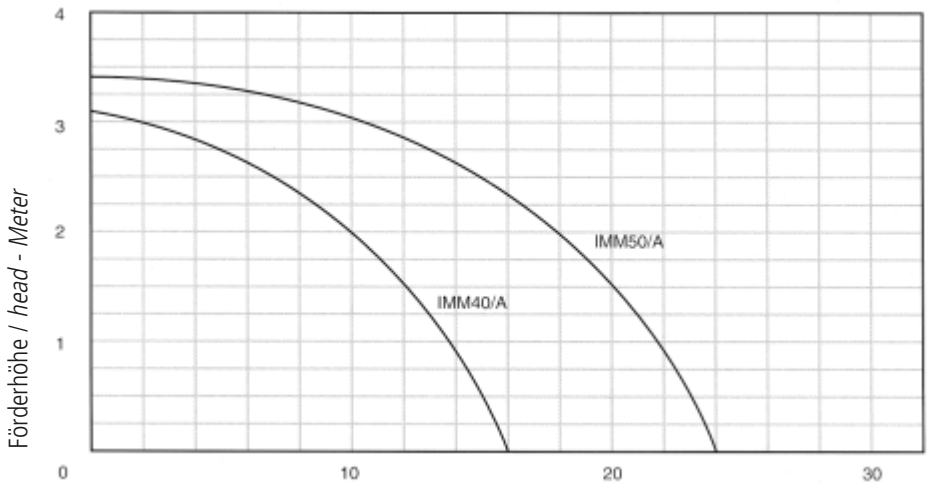
IMM 71 - 80



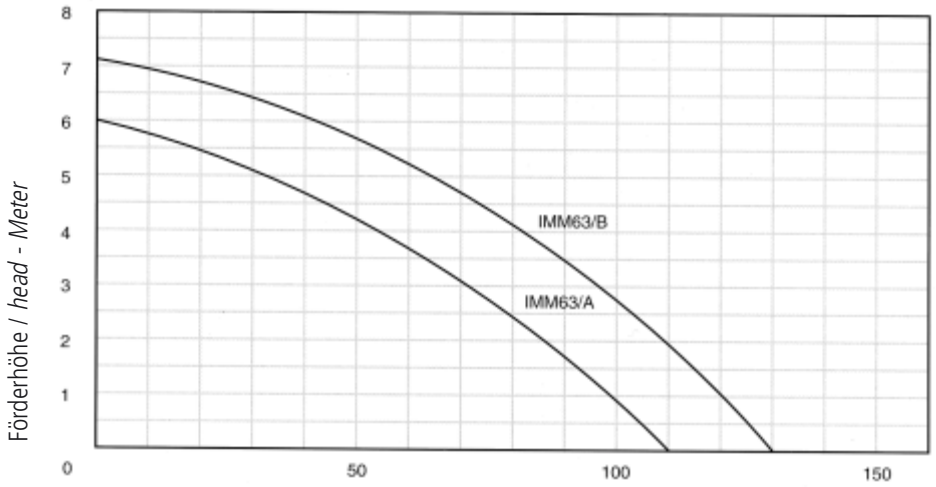
IMM 90-100



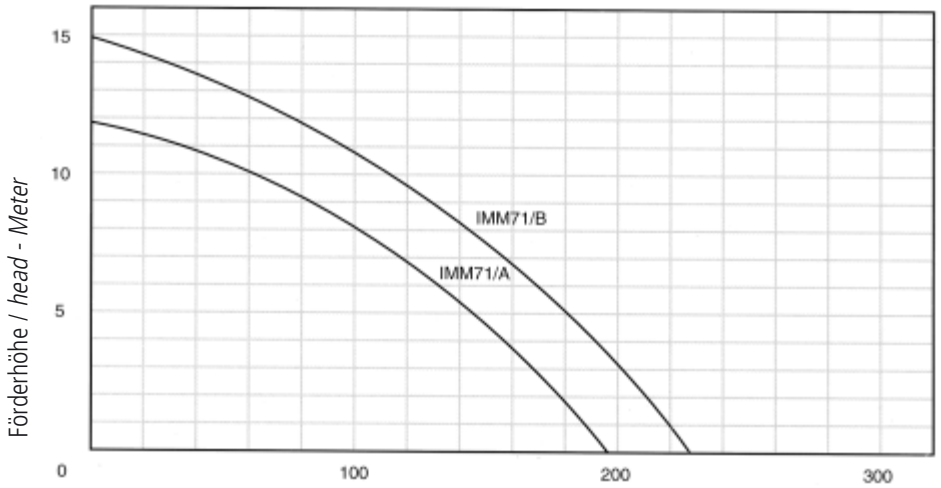
Kennlinien / *Performance curves*



Fördermenge / *flow - Liter/min.*

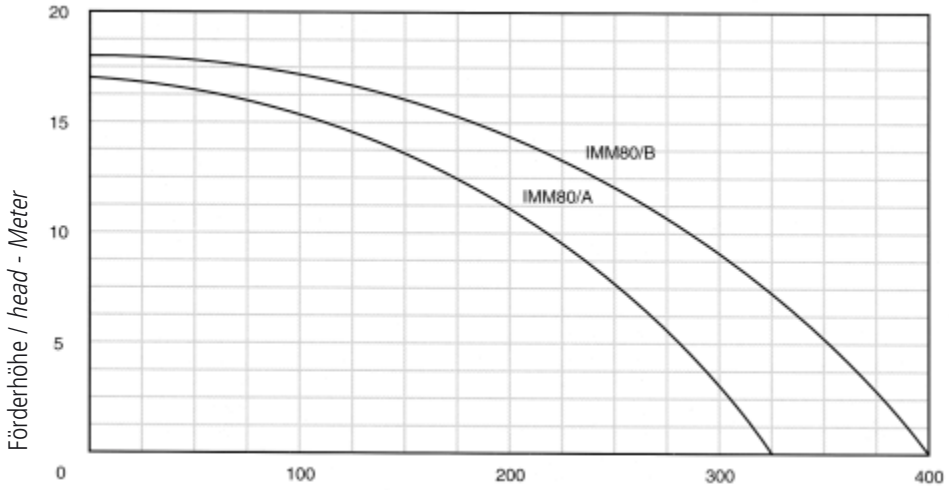


Fördermenge / *flow - Liter/min.*

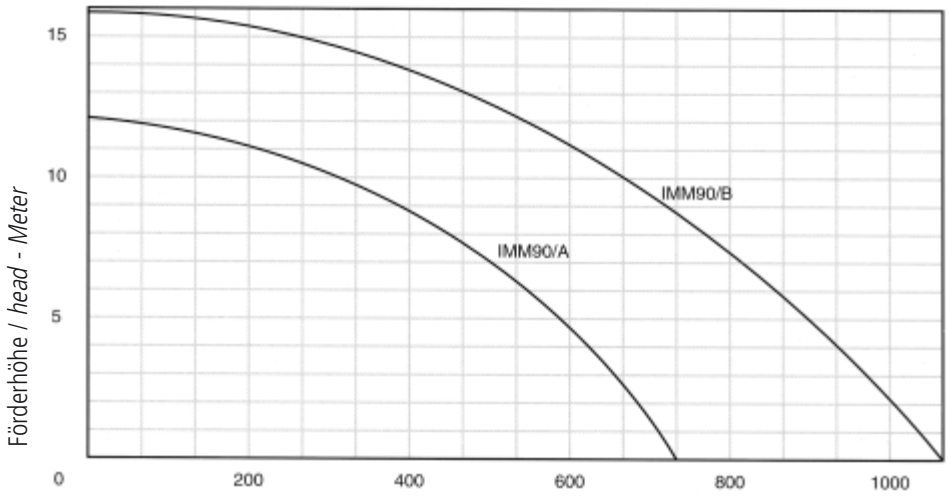


Fördermenge / *flow - Liter/min.*

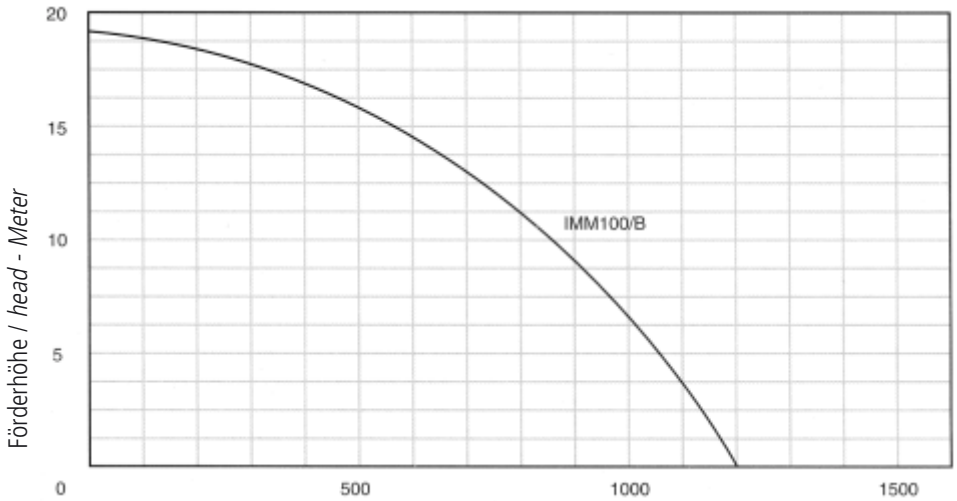
Kennlinien / *Performance curves*



Fördermenge / *flow - Liter/min.*



Fördermenge / *flow - Liter/min.*



Fördermenge / *flow - Liter/min.*